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### 1 Online multiscale dynamic topic models

 Tomoharu Iwata, Takeshi Yamada, Yasushi Sakurai, Naonori Ueda

July 2010 **KDD '10: Proceedings of the 16th ACM SIGKDD international conference on Knowledge discovery and data mining**

**Publisher:** ACM 

Full text available:  [PDF](#) (469.92 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 104, Downloads (12 Months): 131, Downloads (Overall): 131, Citation Count: 0

We propose an online topic model for sequentially analyzing the time evolution of topics in document collections. Topics naturally evolve with multiple timescales. For example, some words may be used consistently over one hundred years, while other words ...

**Keywords:** online learning, time-series analysis, topic model

### 2 Resource Discovery Techniques in Distributed Desktop Grid Environments

 Jik-woo Kim, Beomseok Nam, Peter Keleher, Michael Marsh, Bobby Bhattacharjee, Alan Sussman

September 2006 **GRI D '06: Proceedings of the 7th IEEE/ACM International Conference on Grid Computing**

**Publisher:** IEEE Computer Society

Full text available:  [PDF](#) (194.42 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

**Bibliometrics:** Downloads (6 Weeks): 11, Downloads (12 Months): 48, Downloads (Overall): 74, Citation Count: 2

Desktop grids use opportunistic sharing to exploit large collections of personal computers and workstations across the Internet, achieving tremendous computing power at low cost. Traditional desktop grid systems are typically based on a client-server ...

### 3 A comprehensive approach for the development of modular software architecture description languages

 Eric M. Dashofy, André van der Hoek, Richard N. Taylor

April 2005 **Transactions on Software Engineering and Methodology (TOSEM)**, Volume 14 Issue 2

**Publisher:** ACM 

Full text available:  [PDF](#) (3.51 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 59, Downloads (12 Months): 491, Downloads (Overall): 2872, Citation Count: 22

Research over the past decade has revealed that modeling software architecture at the level of components and connectors is useful in a growing variety of contexts. This has led to the development of a plethora of notations for representing software ...

**Keywords:** ArchStudio 3, Architecture description languages, XML, xADL 2.0

**4 A web design course team taught by professors in art and computer science**

Terry Scott, Anna Ursyn

October 2006 **Journal of Computing Sciences in Colleges**, Volume 22 Issue 1

**Publisher:** Consortium for Computing Sciences in Colleges

Full text available:  [PDF](#) (172.71 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 14, Downloads (12 Months): 115, Downloads (Overall): 326, Citation Count: 1

Students tend to be better in either Art and Design or in Computer Science. Because of this difference there are opportunities for students that excel in both areas. A course in web design was offered by the authors during the spring semester of 2006 ...

**5 Semantic web for geospatial e-government portals**

Nancy Wiegand

May **dg.o '07**: Proceedings of the 8th annual international conference on Digital government research: 2007 bridging disciplines & domains

**Publisher:** Digital Government Research Center

Full text available:  [PDF](#) (48.94 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 12, Downloads (12 Months): 68, Downloads (Overall): 246, Citation Count: 1

This poster paper applies the vision of the Semantic Web to e-government portals that provide searching for geospatial data. Current searching methods yield too many results and also possibly miss the needed data. We propose ontologies and Semantic Web ...

**Keywords:** geospatial, government data, ontology, portal, searching, semantic web

**6 Fine-grained classification of named entities exploiting latent semantic kernels**

Claudio Giuliano

June **CoNLL '09**: Proceedings of the Thirteenth Conference on Computational Natural Language Learning 2009

**Publisher:** Association for Computational Linguistics

Full text available:  [PDF](#) (809.33 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 11, Downloads (12 Months): 57, Downloads (Overall): 57, Citation Count: 0

We present a kernel-based approach for fine-grained classification of named entities. The only training data for our algorithm is a few manually annotated entities for each class. We defined kernel functions that implicitly map entities, represented ...

**7 Controlling remote system using mobile telephony**

Rifat Shahriyar, Enamul Hoque, Iftekhar Naim, S.M. Sohan, Mostofa Akbar

February **MOBILWARE '08**: Proceedings of the 1st international conference on MOBILe Wireless 2008 MiddleWARE, Operating Systems, and Applications

**Publisher:** ICST (Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering)

Full text available:  [PDF](#) (215.31 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 36, Downloads (12 Months): 166, Downloads (Overall): 372, Citation Count: 0

In modern days, we have to be in touch with various high-tech machineries and equipments to get our jobs done and make our lives easier. Too often these machineries serve very important purposes and sometimes require continuous monitoring. But it's not ...

**Keywords:** Java 2 micro edition (J2ME), X10 active home controller pro, mobile telephony, remote system

**8 Adding a Declarative Representation of Negotiation Mechanisms to an Agent-Based Negotiation Service**

[Adriana Debriceanu](#), [Laurentiu Biscu](#), [Costin Badica](#)

November 2007 **WI-IATW '07: Proceedings of the 2007 IEEE/WIC/ACM International Conferences on Web Intelligence and Intelligent Agent Technology - Workshops**

**Publisher:** IEEE Computer Society

Full text available:  [Pdf \(355.58 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 4, Downloads (12 Months): 11, Downloads (Overall): 11, Citation Count: 1

Global agent-based e-business environments have been proposed to enable dynamic trading between business partners. In particular, negotiation is a necessary and important activity to allow engagement of business parties in nontrivial business relationships. ...

**Keywords:** negotiation mechanismdeclarative representationagentservice

**9 The role of key loggers in computer-based assessment forensics**

[R. Laubscher](#), [M. S. Olivier](#), [H. S. Venter](#), [J. H. P. Eloff](#), [D. J. Rabe](#)

July 2005 **SAI CSIT '05: Proceedings of the 2005 annual research conference of the South African institute of computer scientists and information technologists on IT research in developing countries**

**Publisher:** South African Institute for Computer Scientists and Information Technologists

Full text available:  [Pdf \(82.44 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 24, Downloads (12 Months): 186, Downloads (Overall): 863, Citation Count: 0

When conducting a computer-based assessment in an educational environment, several infringements of assessment regulations could arise. Examples are, illegal communication (e.g. by e-mail, web or cell phone); hiding of computer objects with the aim of ...

**Keywords:** computer-based assessment forensics, digital evidence collection

**10 Autoethnography: a tool for practice and education**

 [Sally Jo Cunningham](#), [Matt Jones](#)

July 2005 **CHINZ '05: Proceedings of the 6th ACM SIGCHI New Zealand chapter's international conference on Computer-human interaction: making CHI natural**

**Publisher:** ACM

Full text available:  [Pdf \(1.72 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 48, Downloads (12 Months): 361, Downloads (Overall): 1191, Citation Count: 5

Ethnographic techniques are useful tools for developing a fine-grained, context-based understanding of user behavior. Because conventional ethnographic studies are time-intensive, interest has grown in techniques that can be applied more rapidly, to ...

**Keywords:** autoethnography, computing education, ethnography, requirements elicitation

**11 Front matter (letters and notices)**

 [Will Tracy](#)

May 2003 **SI GSOFT Software Engineering Notes**, Volume 28 Issue 3

**Publisher:** ACM

Full text available:  [Pdf \(350.78 KB\)](#)

Additional Information: [full citation](#)

**Bibliometrics:** Downloads (6 Weeks): 0, Downloads (12 Months): 1, Downloads (Overall): 21, Citation Count: 0

**12 CMieux: adaptive strategies for competitive supply chain trading**

◆ Michael Benisch, Alberto Sardinha, James Andrews, Norman Sadeh

August 2006 **ICEC '06: Proceedings of the 8th international conference on Electronic commerce: The new e-commerce: innovations for conquering current barriers, obstacles and limitations to conducting successful business on the internet**

**Publisher:** ACM

Full text available:  [PDF \(829.36 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 3, Downloads (12 Months): 63, Downloads (Overall): 253, Citation Count: 4

Supply chains are a central element of today's global economy. Existing management practices consist primarily of static interactions between established partners. Global competition, shorter product life cycles and the emergence of Internet-mediated ...

**Keywords:** TAC SCM, multi-agent systems, supply chain management, trading agents

**13 Concept abduction and contraction for semantic-based discovery of matches and negotiation spaces in an e-marketplace**

◆ Simona Colucci, Tommaso Di Noia, Eugenio Di Sciascio, Marina Mongiello, Francesco M. Donini

March 2004 **ICEC '04: Proceedings of the 6th international conference on Electronic commerce**

**Publisher:** ACM

Full text available:  [PDF \(495.44 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 4, Downloads (12 Months): 38, Downloads (Overall): 538, Citation Count: 5

In this paper we present a Description Logic approach to extended matchmaking between Demands and Supplies in an Electronic Marketplace, which allows the semantic-based treatment of negotiable and strict requirements in the description. To this aim we ...

**Keywords:** concept abduction, concept contraction, description logics, e-commerce, matchmaking, negotiable constraints, semantic web

**14 Implementation and performance evaluation for a ubiquitous and unified multimedia messaging platform**

Phone Lin, Shan-Hung Wu, Chung-Min Chen, Ching-Feng Liang

February 2009 **Wireless Networks**, Volume 15 Issue 2

**Publisher:** Kluwer Academic Publishers

Full text available:  [PDF \(705.29 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#)

**Bibliometrics:** Downloads (6 Weeks): 5, Downloads (12 Months): 21, Downloads (Overall): 21, Citation Count: 0

As networking technology advances, more advanced message services are provided. Users may have one or more different message accounts and devices. Before sending messages, the sender must make sure which message service the receipt currently uses. Any ...

**Keywords:** Message service, Performance evaluation, Unified messaging

**15 Frontmatter (TOC, Miscellaneous material)**

◆ ACM SIGSOFT Software Engineering Notes staff

November 2006 **SI GSOFT Software Engineering Notes**, Volume 31 Issue 6

**Publisher:** ACM

Full text available:  [PDF \(1.25 MB\)](#)

Additional Information: [full citation](#)

**Bibliometrics:** Downloads (6 Weeks): 40, Downloads (12 Months): 177, Downloads (Overall): 788, Citation Count: 0

**16 Accessibility as a quality requirement: geographic information systems on the web**

◆ **Juliano Schimiguel, Amanda Meincke Melo, M. Cecilia C. Baranaukas, Claudia Bauzer Medeiros**  
October **CLI HC '05: Proceedings of the 2005 Latin American conference on Human-computer interaction 2005**  
**Publisher:** ACM  
Full text available:  [PDF \(974.48 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)  
**Bibliometrics:** Downloads (6 Weeks): 8, Downloads (12 Months): 128, Downloads (Overall): 1015, Citation Count: 1

Web applications enable users with different profiles and necessities to access information from diversified locations and with different access tools. Besides the aspects that have already been discussed in works from the Software Quality domain, the ...

**Keywords:** accessibility, quality, web GIS applications

**17 WikiGateway: a library for interoperability and accelerated wiki development**

◆ **Saville Shanks**  
October 2005 **WikiSym '05: Proceedings of the 2005 international symposium on Wikis**  
**Publisher:** ACM  
Full text available:  [PDF \(233.22 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)  
**Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 54, Downloads (Overall): 406, Citation Count: 1

WikiGateway is an open-source suite of tools for automated interaction with wikis:• Python and Perl modules with functions like getPage, putPage, getRecentChanges, and more.• A mechanism to add DAV, Atom, or XMLRPC capabilities to any supported ...

**Keywords:** WebDAV, WikiClient, WikiGateway, WikiRPCInterface, atom, client-side wiki, interoperability, interwiki, middleware, wiki, wiki XMLRPC

**18 wConnect: a facebook-based developmental learning community to support women in information**

◆ **technology**  
Mary Beth Rosson, John M. Carroll, Dejin Zhao, Timothy Paone  
June **C&T '09: Proceedings of the fourth international conference on Communities and technologies 2009**  
**Publisher:** ACM   
Full text available:  [PDF \(919.40 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)  
**Bibliometrics:** Downloads (6 Weeks): 12, Downloads (12 Months): 149, Downloads (Overall): 175, Citation Count: 0

The under-representation of women in computer and information science (CIS) has created a crisis in availability of qualified CIS professionals and diversity of perspectives. Many interventions are being explored but these are primarily institutional ...

**Keywords:** learning communities, social networking, women in computer science

**19 Early fault detection with model-based testing**

◆ **Jonas Bobberg**  
September **ERLANG '08: Proceedings of the 7th ACM SIGPLAN workshop on ERLANG 2008**  
**Publisher:** ACM   
Full text available:  [PDF \(277.65 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)  
**Bibliometrics:** Downloads (6 Weeks): 19, Downloads (12 Months): 192, Downloads (Overall): 440, Citation Count: 0

Current and future trends for software include increasingly complex requirements on interaction between systems. As a result, the difficulty of system testing increases. Model-based testing is a test technique where test cases are generated from a model ...

**Keywords:** model-based testing, system testing

**20** [The role of government in standards](#)

 [Gio Wiederhold](#)

December 1993

**Publisher:** ACM  [Request Permissions](#)

Full text available:  [PDF \(712.09 KB\)](#)

**StandardView** , Volume 1 Issue 2

Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#), [review](#)

**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 7, Downloads (Overall): 212, Citation Count: 2

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